



PATENT APPLICATION  
Attorney Docket No. PP020407.0004

I hereby certify that this paper (and all documents referred to herein) is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the below identified date.

JUNE 3, 2009

Date

KS

Kara Shure

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

O'HAGAN *et al.*

U.S. Appln. No.: 10/554,625

Confirmation No.: 7269

Intl. Appln. No.: PCT/US2004/012510

Group Art Unit: 1648

I.A. Filing Date: 23 April 2004

Examiner: Zachariah Lucas

Title: COMPOSITIONS COMPRISING  
CATIONIC MICROPARTICLES AND  
HCV E1E2 DNA AND METHODS OF USE  
THEREOF

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT  
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID  
SEQUENCE DISCLOSURES**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, mailed from the United States Patent and Trademark Office on April 6, 2009, enclosed herewith are the following documents.

1. **COPY OF** Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures.
2. **TRANSMITTAL OF SEQUENCE LISTING INCLUDING:**
  - a. Statements Under 37 C.F.R. 1.821(f) and (g), including statement specifically directing entry of the sequence listing into the application.
  - b. Paper Copy of the Sequence Listing (6 pages).

PATENT APPLICATION  
Attorney Docket No. PP020407.0004

c. Compact Disk Containing CRF Copy of Sequence Listing (1 CD).

The Commissioner is hereby authorized to charge any deficiency in fees or credit any overpayment associated with this communication and which may be required under 37 C.F.R. 1.16 and 1.17 to Deposit Account No. 03-1664.

Respectfully submitted,

NOVARTIS VACCINES AND DIAGNOSTICS, INC.

Date: 03 June 2005

By: Helen Lee

Helen Lee  
Registration No. 39,270

NOVARTIS VACCINES AND DIAGNOSTICS, INC.  
Corporate Intellectual Property – X100B  
P.O. Box 8097  
Emeryville, CA 94662-8097  
Telephone: (510) 923-2192  
Facsimile: (510) 655-3542